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Part Number: 0765301030

Status: Active

Overview: Impact™ Backplane Connector and Cable Assembly System

Description: Impact™ 100 Ohm 5 Pair Mezzanine Receptacle, 38mm Stack Height, Unguided, 10 Columns, 150 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

[3D Model](#) [Application Specification AS-76060-990 \(PDF\)](#)

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

[Product Specification PS-76060-999 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Backplane Connectors

Series 76530

Application Mezzanine

Application Tooling Documents TM-622018799

Component Type PCB Receptacle

Electrical Model Yes

Overview Impact™ Backplane Connector and Cable Assembly System

Product Name Impact™

UPC 884982339514

Physical

Circuits (Loaded) 150

Circuits (maximum) 150

Color - Resin Black

Durability (mating cycles max) 200

First Mate / Last Break No

Flammability 94V-0

Guide to Mating Part No

Keying to Mating Part None

Material - Metal High Performance Alloy (HPA)

Material - Plating Mating Gold

Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Net Weight 21.340/g

Number of Columns 10

Number of Pairs 5

Number of Rows 15

Orientation Vertical

PC Tail Length 1.20mm

PCB Locator No

PCB Retention None

PCB Thickness - Recommended 1.00mm

Packaging Type Tray

Pitch - Mating Interface 1.90mm

Pitch - Termination Interface 1.90mm

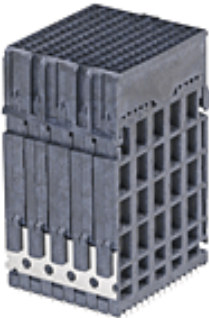
Plating min - Mating 0.762µm

Polarized to PCB No

Temperature Range - Operating -55°C to +85°C

Termination Interface: Style Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS
ELV

Green Image
Not Relevant

Search Parts in this Series

76530 Series

Mates With

76055 Impact™ 100 Ohm 5 Pair Vertical Backplane Header

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Press-In Tool for Vertical Power Module Assembly, 5-Pair by 10-Column	0622018695
Removal Tool for Impact™ Mezzanine	0621002170

Current - Maximum per Contact	0.75A	100 Ohm Vertical Header
Data Rate	25.0 Gbps	
Impedance	100#	
Shield Type	N/A	
Shielded	No	
Voltage - Maximum	30V AC (RMS)/DC	
Solder Process Data		
Lead-freeProcess Capability	N/A	
Material Info		
Reference - Drawing Numbers		
Application Specification	AS-76060-990	
Electrical Model Document	EE-76530-0038, EE-76530-381	
Product Specification	PS-76060-999	
S-Parameter Model	SP-76530-0028, SP-76530-0038, SP-76530-0040	
Sales Drawing	SD-76530-001	
Symbol/Footprint Data	SYM-76530-1030	

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